	12				
Form PTO-1449 Modified			Docket No. CELL-0308/PA535-USw01	Application No. 10/562,769	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Sam Philip Heywood, et al.			
		nent of Commerce Frademark Office	Filing Date June 27, 2006	Group Not Yet Assigned	
			Confirmation No. 7843		
NON-	PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)	
	1			ion of disulfide adducts th highly reactive cysteines," J.	
	2	Bird, R.E., et al., "Single	-chain antigen-binding prote	ins," Science, 1988, 242, 423	
	3	Burns, J., et al., "Selective reduction of disulfides by tris(2-carboxyethyl)phosphine," J. Org. Chem., 1991, 56, 2648-2650			
	4	Chapman, A.P., et al., "Therapeutic antibody fragments with prolonged in vivo half- lives," <i>Nature Biotechnology</i> , 1999 , <i>17</i> , 780-783			
	5	Chapman, A.P., et al., "PEGylated antibodies and antibody fragments for improved therapy: a review," Advanced Drug Delivery Reviews, 2002, 54, 531-545			
	6	Dubowchik, G.M., et al., "Receptor-mediated and enzyme-dependent targeting of cytotoxic anticancer drugs," <i>Pharmacology and Therapeutics</i> , 1999, 83, 67-123			
	7	Ellison, D., et al., "Photoreduction of monoclonal antibodies for conjugation and fragmentation," <i>Biotechniques</i> , 2000, 28(2), 324-326			
	8	Getz, E.B., et al., "A comparison between the sulfhydryl reductants tris(2-carboxyethyl)phosphine and dithiothreitol for use in protein biochemistry," Analytical Biochemistry, 1999, 273, 73-80			
	9	Han, J.C., et al., "A procedure for quantitative determination of Tris(2-carboxyethyl)phosphine, an ordorless reducing agent more stable and effective than dithiothreitol," <i>Analytical Biochemistry</i> , 1994 , <i>220</i> , 5-10			
	10	Hellstrom, et al., "Antibodies for drug delivery," Controlled Drug Delivery, 2 nd Ed., Robinson, et al. (Eds.), 1987 , 623-653			
	11	Humphreys, D.P., et al., "Formation of dimeric fabs in <i>Escherichia coli</i> : effect of hinge size and isotype, presence of interchain disulphide bond, Fab' expression levels, tail piece sequences and growth conditions," <i>J. of Immunological Methods</i> , 1997, 209, 193-202			

EXAMINER	DATE CONSIDERED	
	10. 10.00	@ 2004 N/W

 4, 23-27 Leong, S.R., et al., "Adapting pharmacokinetic properties of a humanized antiinterleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 Rodrigues, M.L., et al., "Engineering Fab" fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546 	Form PTO-1449 Modified				et No. -0308/PA535-USw01	Application No. 10/562,769
Patent and Trademark Office June 27, 2006 Confirmation No. 7843 NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 12 Humphreys, D.P., et al., "A plasmid system for optimization of Fab' production in Escherichia coli: importance of balance of heavy chain and light chain synthesis," Protein Expression and Purification, 2002, 26, 309-320 13 Leach, S.J., et al., "The electrolytic reduction of proteins," Div. Protein Chem., 1965, 4, 23-27 14 Leong, S.R., et al., "Adapting pharmacokinetic properties of a humanized anti-interleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 15 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R.,	Cited by Applicant					,
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 12 Humphreys, D.P., et al., "A plasmid system for optimization of Fab' production in Escherichia coli: importance of balance of heavy chain and light chain synthesis," Protein Expression and Purification, 2002, 26, 309-320 13 Leach, S.J., et al., "The electrolytic reduction of proteins," Div. Protein Chem., 1965, 4, 23-27 14 Leong, S.R., et al., "Adapting pharmacokinetic properties of a humanized anti-interleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 15 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloinig immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Ribiding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546	D-441-000					
12 Humphreys, D.P., et al., "A plasmid system for optimization of Fab' production in Escherichia coli: importance of balance of heavy chain and light chain synthesis," Protein Expression and Purification, 2002, 26, 309-320 13 Leach, S.J., et al., "The electrolytic reduction of proteins," Div. Protein Chem., 1965, 4, 23-27 14 Leong, S.R., et al., "Adapting pharmacokinetic properties of a humanized anti-interleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 15 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 21 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 22 Singh, R., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 23 Verma, R., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546			-		rmation No.	
Escherichia coli: importance of balance of heavy chain and light chain synthesis," Protein Expression and Purification, 2002, 26, 309-320 13 Leach, S.J., et al., "The electrolytic reduction of proteins," Div. Protein Chem., 1965, 4, 23-27 14 Leong, S.R., et al., "Adapting pharmacokinetic properties of a humanized anti-interleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 15 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546	NON-	PAT	ENT DOCUMENTS (Include	ding	Author, Title, Date,	Pertinent Pages, Etc.)
Leadin, S.R., et al., "Adapting pharmacokinetic properties of a humanized anti- interleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 15 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Riegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoir of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546		Escherichia coli: importance of balance of heavy chain and light chain synthesis				n and light chain synthesis,"
interleukin-8 antibody for therapeutic applications using site-specific pegylation," Cytokine, 2001, 16, 106-119 15 Lyons, A., et al., "Site-specific attachment to recombinant antibodies via introduced surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546		13	Leach, S.J., et al., "The electrolytic reduction of proteins," Div. Protein Chem., 1965, 4, 23-27			
surface cysteine residues," Protein Engineering, 1990, 3, 703-708 16 Mountain, A., et al., "Engineering antibodies for therapy," Biotechnol. Genet. Eng. Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Riegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546		interleukin-8 antibody for therapeutic applications using site-specific pegylation,"				
 Rev., 1992, 10, 1-142 17 Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546 		15				
polymerase chain reaction," Proc. Natl. Acad. Sci. USA, 1989, 86, 3833-3837 18 Riechmann, L., et al., "Reshaping human antibodies for therapy," Nature, 1988, 322, 323 19 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab) ₂ formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 20 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 21 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546	Rev., 1992, 10, 1-142					
 323 Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab); formation in Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546 				, Pro	c. Natl. Acad. Sci. US	A, 1989, 86, 3833-3837
Escherichia coli and for improved in vivo stability," The Journal of Immunology, 1993, 151, 6954-6961 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 Sigh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546						
 Rüegg, U.T., et al., "Reduction cleavage of cyustine disulfides with tributylphosphine," Methods in Enzymology, 1977, 47, 111-126 Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546 		19	Escherichia coli and for imp			
antigen monoclonal antibody BW 250/183," Euro. J. Nuclear Medicine, 1999, 26, 1265-1273 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546		20	Rüegg, U.T., et al., "Reduct			
 22 Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," Methods in Enzymology, 1995, 251, 167-173 23 Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," Immunol. Rev., 1982, 62, 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," J. of Immunological Methods, 1998, 216, 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli," Nature, 1989, 341, 544-546 	21 Seitz, U., et al., "Preparation and evaluation of the rheniu antigen monoclonal antibody BW 250/183," Euro. J. Nu				nium-188-labelled anti-NCA	
conjugates," <i>Immunol. Rev.</i> , 1982 , <i>62</i> , 119-158 24 Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," <i>J. of Immunological Methods</i> , 1998 , <i>216</i> , 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 1989 , <i>341</i> , 544-546	22 Singh, R., et al., "Reagents for rapid redu				lfide bonds," Methods in	
mammalian expression systems," <i>J. of Immunological Methods</i> , 1998 , <i>216</i> , 165-181 25 Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 1989 , <i>341</i> , 544-546					ation and cytotoxic pr 32, 62, 119-158	
domains secreted from Escherichia coli," Nature, 1989, 341, 544-546		24	mammalian expression syst	ems	" J. of Immunological	Methods, 1998, 216, 165-181
The construction of the co						
	EXAMINER				DATE CONSIDER	ED 2006 WW

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Applicant

Sam Philip Heywood, et al.

Filing Date Group
June 27, 2006 Group
Not Yet Assigned
Confirmation No.
7843

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	26	4,741,900	05/03/88	Alvarez, et al.	424	85
	27	4,816,397	03/28/89	Boss, et al.	435	68
	28	5,219,996	06/15/93	Bodmer, et al.	530	387.3
	29	5,585,089	12/17/96	Queen, et al.	424	133.1
	30	5,665,866	09/09/97	Weir, et al.	530	390.5
	31	5,677,425	10/14/97	Bodmer, et al.	530	387.1
	32	6,331,415 B1	12/18/01	Cabilly, et al.	435	69.6
				-		

EXAMINER	DATE CONSIDERED	ĺ
·	© 2006 WW	

Form PTO-1449 Modified	Docket No. CELL-0308/PA535-USw01	Application No. 10/562,769	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Sam Philip Heywood, et al.		
U.S. Department of Commerce Patent and Trademark Office	Filing Date June 27, 2006	Group · Not Yet Assigned	
	Confirmation No. 7843		

FOREIGN PATENT DOCUMENTS

Examiner					Transla	ition
Initial	1	Document No.	Date	Country	YES	NO
	33	WO 89/01476 A1	02/23/89	PCT		
	34	WO 90/09195 A1	08/23/90	PCT		
	35	WO 91/09967 A1	07/11/91	PCT		
	36	WO 92/02551 A1	02/20/92	PCT		
	37	WO 92/22583 A2	12/23/92	PCT		
	38	WO 93/06231 A1	04/01/93	PCT		
	39	WO 97/36932 A1	10/09/97	PCT		
	40	WO 98/25971 A1	06/18/98	PCT		
	41	WO 98/37200 A3	08/27/98	PCT		
	42	WO 99/15549 A3	04/01/99	PCT		
	43	WO 03/031581 A3	04/17/03	PCT		
	44	WO2004043492 A1	05/27/04	PCT		
	45	0 392 745 B1	11/02/94	EP		
	43	0 968 291 B1	01/28/04	EP		

EXAMINER	/David Blanchard/	DATE CONSIDERED	02/07/2008